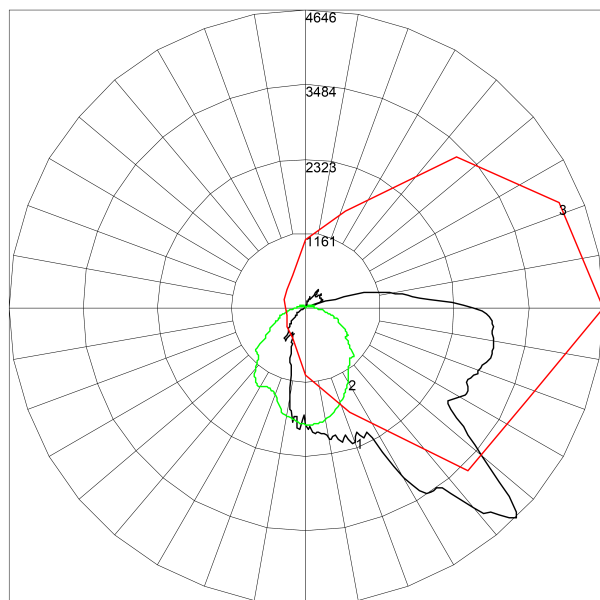| Project:	
Location:	
Model#: WPG8040K-347V-BK	Type:
Client:	Qty:
Prepared by:	Date:

SERIES SPECIFICATIONS

To supply Tamlite WPG series of LED fixtures as specified. The luminaire shall operate at 347Vac, and use a CITIZEN® approved driver. The housing shall be constructed of powder-coated Aluminium with a hinged bolt-on case for replacement access and a tempered glass lens. A durable formed gasket shall be provided between the enclosure and the lens. The reflector shall be made of highly specular material and contoured to maximize light output efficiency. All parts shall be corrosion resistant. LEDs shall be as specified, CITIZEN® CLU038-1208 LED Chips. The LEDs shall be supplied with the luminaire. The luminaire shall be cULus Listed.
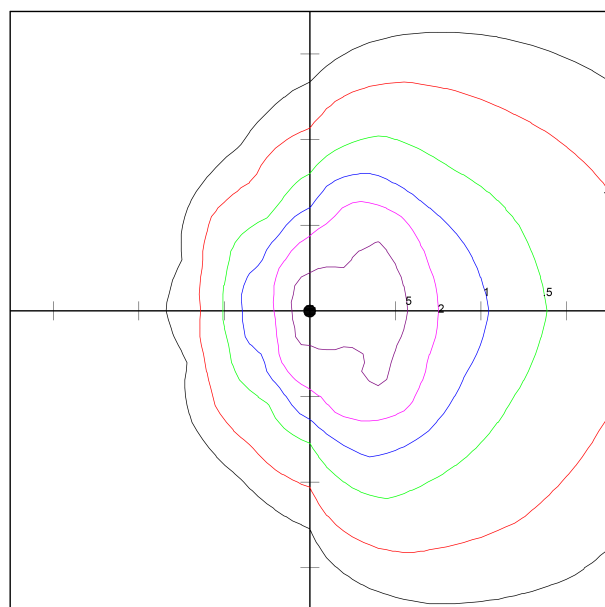

PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart

Maximum Candela = 4645.76 Located At Horizontal Angle = 360, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

Isolux Diagram

Tamlite Lighting
GWP80-4K-UNV
76W 120~277VAC LED GLASS PACK

Horizontal Footcandles
Scale: 1 Inch = 15 Ft.
Light Loss Factor = 1.00
Lumens Per Lamp = 9004.2
Total Lamp Lumens = 9004.2
Mounting Height = 15.00 Ft
Maximum Calculated Value = 9.04 Fc
Arrangement: Single

Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	176.02	40-50	1337.78	80-90	904.77	120-130	93.11	160-170	5.34
10-20	462.9	50-60	1298.95	90-100	556.97	130-140	69.77	170-180	0.44
20-30	643.81	60-70	1105.83	100-110	190.89	140-150	47.32	--	--
30-40	946.13	70-80	1024.81	110-120	112.51	150-160	21.89	--	--

Initial Lumen Output: 99976lm

Luminaire Type: Wall Pack Non-Cut-off

Ambient Operating Temp: -40C to +40C

CCN Number: IFAM7.E359675

Efficacy: 129.7lm/W

Environmental Rating(s): IP65

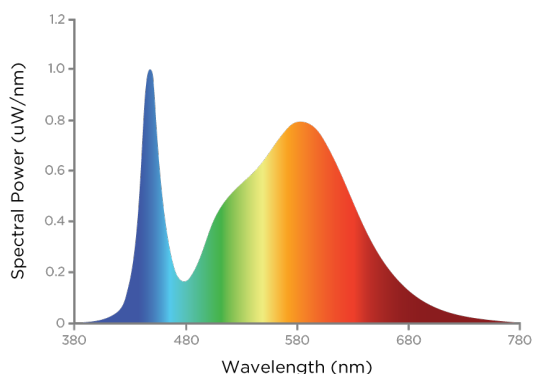**Certification Standards:** cETLus, DLC

Limited Product Warranty: 5 Year(s)

Max Candela: 4645

UL Classification: Wet Location Listed

DLC Number: YYYDPE

LED SPECIFICATIONS

SPD

Source Type: LED
CRI: > 80
Chromaticity: x=0.3460 y=0.3580

Manufacturer: Citizen®
L70: 102000 Hrs
Duv: 0.0029

Part Number: CLU038-1208
Colour Temperature: 4000K

ELECTRICAL SPECIFICATIONS

Driver Manufacturer: IPP
Fixture Draw: 76.92W
THD @347Vac(%): <10%
Dimming: 1-10Vdc, (10% Min Light Level)
Driver Certifications: c-RU-us Class 2, FCC Part 15 Class B, RoHS

Input Voltage: 277~480Vac
Current Draw @347Vac: 0.2340775815635
Driver MTBF: 50,000hrs
Over Temperature Protection: Auto Recovery, The fixture shall shut down and return to operation when the temperature returns to normal.

Input Frequency: 50-60Hz
Power Factor @347Vac: >.90
Max Operating Case Temperature: 90C
Short Circuit Protection: Auto Recovery. The output shall return to normal when the fault condition is removed.

PHYSICAL SPECIFICATIONS

Finish Colour: Black
Mounting: Wall Mount
Lens Type: Clear - Prismatic

Finish Type: Textured powder coat over chromate conversion coat
Housing Material: ADC12 Aluminium
Reflector Material: Specular Aluminium

Wiring: Internal Connections
Lens Material: Glass
Entries: (3) ½ inch threaded knockouts

SHIPPING INFORMATION

OrderingCode(s): WPG805K-347V-BK

Box Weight: 5.2 kg

Carton Weight: 20.07

Box Quantity: 1

Carton Quantity: 4

Box Dimensions (L-W-H): 370 x 245 x 205 mm

Carton Dimensions (I-W-H): 510 x 385 x 410 mm

SERIES ARCHITECTURE

Series Architecture

Series	Wattage	CCT	Voltage	Finish
WPG	40 (40W)	SW (Selectable)	UNV (120-277V)	BZ (Bronze)
	80 (80W)	30K (3000K)	347V (347V)	BK (Black)
	120 (120W)	40K (4000K)	WRV (120-347V)	WH (White)
		50K (5000K)		XX (other)

Optional Extras: Cut off Shield